

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A photopolymerizable composition that can be cured by exposure, comprising

(A) a polymerizable compound which is solid at 25°C and has at least one radical-polymerizable ethylenically unsaturated double bond and at least one amide bond in a molecule,

(B) a radical polymerization initiator having a maximum absorption wavelength of no greater than 400 nm,

(C) a binder polymer, and

(D) a compound capable of generating heat by infrared exposure.

2. (Original) The photopolymerizable composition of claim 1, wherein the polymerizable compound (A) is selected from compounds having a melting point or a glass transition point of no less than 40°C.

3. (Canceled)

4. (Previously Presented) The photopolymerizable composition of claim 1, wherein the polymerizable compound (A) is included in an amount of 10 to 60% by weight based on the total solid content of the photopolymerizable composition.

5. (Canceled)

6. (Canceled)

7. (Canceled)

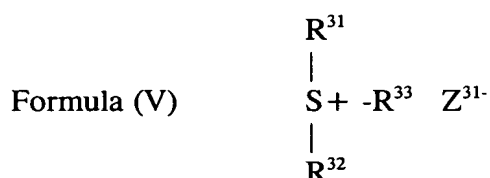
8. (Canceled)

9. (Previously Presented) The photopolymerizable composition of claim 1, wherein the photopolymerizable composition is capable of being exposed by infrared light having a wavelength of no less than 750 nm.

10. (Previously Presented) The photopolymerizable composition of claim 1, wherein the photopolymerizable composition is capable of being exposed by an infrared laser.

11. (Original) The photopolymerizable composition of claim 9, wherein the radical polymerization initiator (B) comprises an onium salt.

12. (Original) The photopolymerizable composition of claim 11, wherein the onium salt comprises at least one represented by the following formulas (III) to (V):



wherein each of Ar^{11} , Ar^{12} and Ar^{21} independently represents an optionally substituted aryl group having no more than 20 carbon atoms; each of Z^{11-} , Z^{21-} and Z^{31-} independently represents a counter ion selected from the group consisting of a halogen ion, a carboxylate ion, a perchlorate ion, a tetrafluoroborate ion, a hexafluorophosphate ion and a sulfonate ion; and each of R^{31} , R^{32} and R^{33} , which may be same or different, represents an optionally substituted hydrocarbon group having no more than 20 carbon atoms.

13. (Original) The photopolymerizable composition of claim 1, wherein the radical polymerization initiator (B) is included in an amount of 0.1 to 50% by weight based on the total solid content of the photopolymerizable composition.

14. (Original) The photopolymerizable composition of claim 1, wherein the binder polymer (C) includes an acrylic resin or a methacrylic resin having on a side chain thereof a benzyl group or an allyl group and a carboxyl group.

15. (Original) The photopolymerizable composition of claim 1, wherein the binder polymer (C) has a weight average molecular weight of 10,000 to 300,000, a number average molecular weight of 2,000 to 250,000 and a degree of polydispersion (weight average molecular weight/number average molecular weight) of 1.1 to 10.

16. (Original) The photopolymerizable composition of claim 1, wherein the binder polymer (C) is a random polymer.

17. (Original) The photopolymerizable composition of claim 1, wherein the binder polymer (C) is included in an amount of 20 to 95% by weight based on the total solid content of the photopolymerizable composition.

18. (Canceled)

19. (Canceled)

20. (New) A photopolymerizable composition that can be cured by exposure, comprising

(A) a polymerizable compound which is solid at 25°C and has at least one radical-polymerizable ethylenically unsaturated double bond and at least one amide bond in a molecule,

(B) a radical polymerization initiator which includes at least one of benzil, benzoin ether, Michler's ketone, anthraquinone, acridine, phenazine and benzophenone,

(C) a binder polymer, and

(D) a compound capable of generating heat by infrared exposure.

21. (New) The photopolymerizable composition of claim 20, wherein the polymerizable compound (A) is selected from compounds having a melting point or a glass transition point of no less than 40°C.

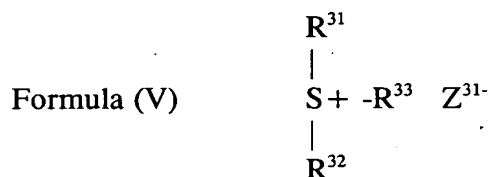
22. (New) The photopolymerizable composition of claim 20, wherein the polymerizable compound (A) is included in an amount of 10 to 60% by weight based on the total solid content of the photopolymerizable composition.

23. (New) The photopolymerizable composition of claim 20, wherein the photopolymerizable composition is capable of being exposed by infrared light having a wavelength of no less than 750 nm.

24. (New) The photopolymerizable composition of claim 20, wherein the photopolymerizable composition is capable of being exposed by an infrared laser.

25. (New) The photopolymerizable composition of claim 23, wherein the radical polymerization initiator (B) comprises an onium salt.

26. (New) The photopolymerizable composition of claim 25, wherein the onium salt comprises at least one represented by the following formulas (III) to (V):



wherein each of Ar¹¹, Ar¹² and Ar²¹ independently represents an optionally substituted aryl group having no more than 20 carbon atoms; each of Z¹¹⁻, Z²¹⁻ and Z³¹⁻ independently represents a counter ion selected from the group consisting of a halogen ion, a carboxylate ion, a perchlorate ion, a tetrafluoroborate ion, a hexafluorophosphate ion and a sulfonate ion; and each of R³¹, R³² and R³³, which may be same or different, represents an optionally substituted hydrocarbon group having no more than 20 carbon atoms.

27. (New) The photopolymerizable composition of claim 20, wherein the radical polymerization initiator (B) is included in an amount of 0.1 to 50% by weight based on the total solid content of the photopolymerizable composition.

28. (New) The photopolymerizable composition of claim 20, wherein the binder polymer (C) includes an acrylic resin or a methacrylic resin having on a side chain thereof a benzyl group or an allyl group and a carboxyl group.

29. (New) The photopolymerizable composition of claim 20, wherein the binder polymer (C) has a weight average molecular weight of 10,000 to 300,000, a number average molecular weight of 2,000 to 250,000 and a degree of polydispersion (weight average molecular weight/number average molecular weight) of 1.1 to 10.

30. (New) The photopolymerizable composition of claim 20, wherein the binder polymer (C) is a random polymer.

31. (New) The photopolymerizable composition of claim 20, wherein the binder polymer (C) is included in an amount of 20 to 95% by weight based on the total solid content of the photopolymerizable composition.